

Dehan, E. and Louis, H.

THE MEASUREMENT OF THE FORCES AND THEIR
VARIATION IN ACCESSIBLE WIRES IN PRESTRESSED
CONCRETE STRUCTURES: ITS APPLICATION TO
SCLAYN BRIDGE. [1961] 54p.
Order from SLA \$5.60-

61-18946

Trans. of Annales des Travaux Publics de Belgique,
1950, v. 103, no. 2, p. 201-25€.

DESCRIPTORS: *Steel wire, *Concrete, Mechanical
properties, Stresses, Creep, Structures, *Bridges,
Belgium.

61-18946

I. Dehan, E.
II. Louis, H.

(Materials, TT, v. 6, no. 9)

Office of Technical Services

The Modernization of the Dolomite Shop at
Hagondange, by J. de Hedouville.

FRENCH, per, Centre de Documentation Siderurgique,
Circulaire d'Informations Techniques, No 7/8,
1961, pp 1715-1724.

BISI 2706

Sci - Engr

203, 5d4

JUL 62

list 136

(FDD 21826)

Tissue Therapy - Principles, Techniques,
Indications and First Results, by Jeanne-
Marie Dehem, 28 pp.

FRENCH, These four le Doctorat en Medicine,
Paris, 28 Jun 1950, pp 11-42.

CIA/FDD/U-6455

WEur - France
Sci - Medicine, tissue therapy

18,970

Investigation Into the Preparation by Electrical
Means of Homodisperse Aerosols of High Dispersi-
bility, by F. Sleenbos, J. de Huij, J. Hlok.

DUTCH, per, Microbiol Lab, Ref 1956/3.

T.I.L. Tr 4779

Sci - Physics
Jun 57

48, 847

<p><u>Dehler, H.</u> EFFICIENCY AND ECONOMY OF PRESSED MAGNETS WITH PLASTIC BINDERS. [1962] (9p. 6 refs. Order from SLA \$1.10</p> <p>Trans. of [ETZ] Electrotechnische Zeitschrift. (Ausgabe A. Zentralblatt für Electrotechnik) (Germany) 1944, v. 65, no. 11/12, p. 93-95. Another trans. is available from SLA at \$1.80, ph\$1.80 as 59-15128, 18 Dec 44 (7)p.</p> <p>DESCRIPTORS: *Magnetic materials, *Magnets, Materials, Binders, Plastics, *Powder metallurgy.</p> <p>The improvement of the "Shape Efficiency" is shown by some examples, and the efficiency of the material is determined. The economy of the pressing process as well as some characteristics are likewise illustrated. (Author) (Physics--Magnetism, TT, v. 8, no. 10)</p>	<p>62-16678</p> <p>I. Dehler, H.</p> <p>62-16678</p> <p>C226270</p> <p>Office of Technical Services</p>
--	---

Dehler, Hermann.
COMPACTED MAGNETS WITH A SYNTHETIC
RESIN BINDER. [1961] 6p. 3 refs.
Order from SLA \$1.10

61-18471

Trans. of Stahl und Eisen (Germany) 1942, v. 62,
p. 983-986.

DESCRIPTORS: *Magnets, Production, Physical
properties, Plastics, Binders.

(Physics--Magnetism, TT, v. 6, no. 10)

61-18471

L Dehler, H.

Office of Technical Services

Diffusion, Precipitation, and Nucleation, by
U. Dehlinger.
GEWAN, per, Z. Phys. Chem. Unterricht., 50,
1957, pp 136-139.
•NBS TT 70-5739

Sci-Phys
Aug 70

U. Dehlinger

The Thermodynamics of the Diffusion Process,
by U. Dehlinger,
GERMAN, per, Z. Phys., 102, 1936, pp 633-640.
NBS TT 70-57342

66

Sci-Phys
Aug 70

U. Dehlinger

Theoretical Metallography, by U. Dahlinger.

GERMAN, bk, Theoretische Metallkunde,
1955, 250 pp.

ABC-tr-4500

Sci - Phys

23 Feb 62

186,523

Dehlinger, U.
PREFORMED NUCLEI IN TRANSFORMATIONS AND
PRECIPITATIONS, 16 Mar 61 [12]p. 20 refs.
Order from SI.A \$1.60

61-16094

Trans. of Zeitschrift für Metallkunde (West
Germany) 1960, v. 51, no. 6, p. 353-365.
Another translation is available from FRI as FRI
Trans-148 [1961]

DESCRIPTORS: *Phase transitions, *Crystallization,
*Single crystals (Metallurgy)

Preformed nuclei are nuclei existing in stable or meta-stable thermodynamic equilibrium above the equilibrium temperature for a transformation and growing slowly as the temperature falls; they only become capable of unlimited growth at a definite "martensite temperature" lying below the equilibrium temperature, as demonstrated by a discussion of the thermodynamics. In the cobalt transformation the stacking faults consti-
(Metallurgy, TT, v. 6, no. 3)
(over)

61-16094

I. Title: Preformed nuclei
I. Dehlinger, U.

also OTS 61-22426

Office of Technical Services

The Mechanism of Precipitations and Transformations,
by U. Dehlinger, 16 pp.

GERMAN, per, Archiv Eisenhuttenw., Sep 1936.

SLA 57-921

Sci - Min/Met

58,443

Feb 58

BELLINGER, U.

ANONYMUS HUTTERER, vol 10, 1936

Mechanism of precipitation and transpiration

Printed in France 446, 89.70

A-1529

Mechanics and Kinetics of Martensite Formation
Without Diffusion, by H. Knapp, U. Dohlinger, 11 pp.

GERMAN, par, Acta Metal, Vol IV, 1956, pp 289-297.

AEC Tr 2684

Sci - Min/Metals
Jan 57 CTS

42,191

The Simplest Principle in the Crystal Chemistry of
Alloys, by U. Dehlinger, G.E.R. Schulze.

GERMAN, per, Z Metallk, Vol XXXIII, 1941, pp 157-
160.

Associated Electrical Industries,
Ltd
Tr No T/442 OT/178

Scientific - Chemistry, crystal, alloys

Index Aeronauticus

A. 1530

by Ulrich Dählinger,
Theoretical Metallography, /a 304 pp.
~~1958~~, bk, Theoretische Metallkunde, 1958, 30⁴ pp.
?090347 AEC Tr-4500

Sci - Min/Metals
Feb 62

182, 494

gravimetric determination of Sulfur as Barium
Sulfate, by C. Gottschalk, P. Dehmel.
Chem. Ber., 2, Anal. Chem., Vol 155, 1957,
pp. 131-139. 7/11/953367

73

P. Dehmel

chemistry
117-07

316,642

lsp
Statistics in Chemical Analysis I. The Discovery of
Systematic and Gross Errors and the Significance of
Random Errors in Gravimetric and Titrimetric Analytical
Procedures, by G. Gottschalk, P. Behmel, 17 pp.

CHIMIA, ppc, Z Anal Chem, Vol CIX, No 2, 1957,
pp 31-51.

SLA 59-15739

Set
Dec 59
Vol 2, No 5

103,610

The Quadrupole Resonance Spectrum in Crystalline
Antimony Trichloride and the Ratio of the Antimony
Nuclear Quadrupole Moments, by H. G. Dehmelt,
H. Kruger, 8 pp.

Full translation.

GERMAN, per, Z. Physik, 1951, pp 385-391.

AEC-Tr 1742

d. 2. 1954 8472

Scientific - Physics Dec 53 CTS/DEX

Quadrupole Resonance Frequencies of Cl
and Br Nuclei in Crystalline Dichlorethylene
and Methyl Bromide, by H. G. Dehmelt,
H. Kruger, 16 pp.

Full translation.

GERMAN, per, Z. Physik, Vol CXXIX, 1951,
pp 401-415.

AEC Tr 1736

Scientific - Physics

CIS/DEX

8477

Quadrupole Resonance Frequencies of I¹²⁷
Nuclei in Crystalline Covalent Iodine
Compounds, by H. G. Dehmelt

Full translation.

GERMAN, per, Z. Physik, Vol CXXX, 1951,
pp 356-370.

AEC Tr 1739

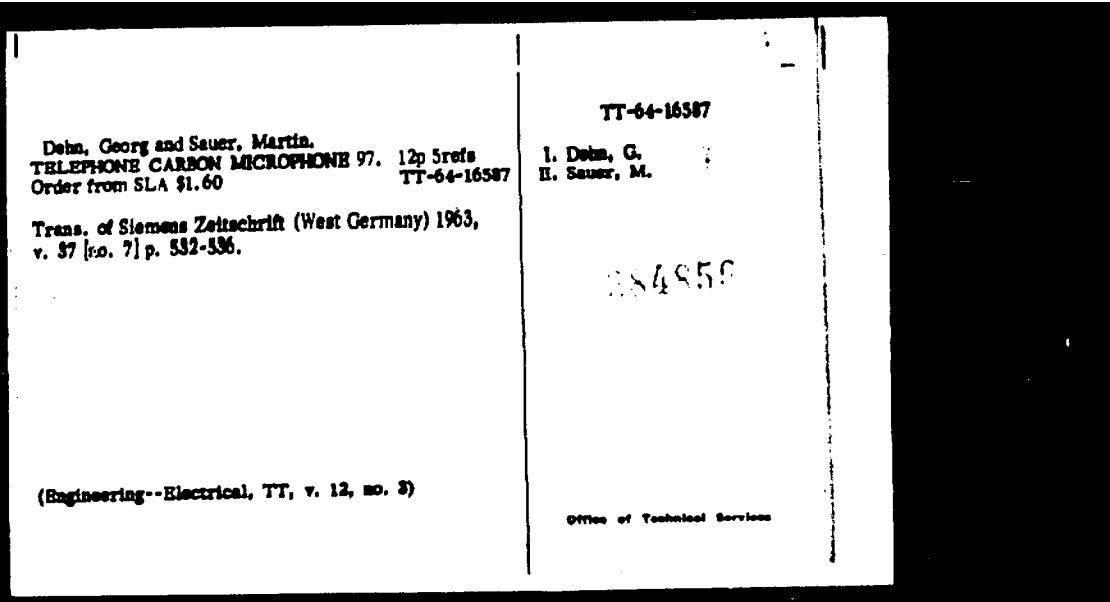
L.L.A. 163

8474

Scientific - Physics

CTS/DEX

<p><u>Dehmelt, Klaus.</u> OVERCHARGING OF GAS-TIGHT NICKEL-CADMIUM BATTERIES. [1963] 1ip. 6refs Order from SLA \$1.60</p> <p>Trans. of reprint of Nickel-Informationsbüro, Nickel-Berichte (West Germany) 1960, v. 18, no. 9/10, p. 291-296. (Abstract available)</p> <p>DESCRIPTORS: *Batteries and components, Nickel, Cadmium, Electrolytes, Gas seals, Pressure, Electric potential, Oxygen, *Oxidation-reduction reactions.</p> <p>Experiments were made using a demonstration cell which allowed continuous observation of gas evolving at the two electrodes and determination of the pressure inside the cell. Pressure curves were plotted for overcharging at constant current, with excess electrolyte and with fixed electrolyte. Pressure curves were also plotted showing (Engineering--Electrical, TT, v. 11, no. 4) (over)</p>	<p>TT-63-18000 I. Dehmelt, K. 1058037</p> <p>Office of Technical Services</p>	
--	---	--



New Designs of Light-Weight Operator's Sets, by
Georg Dehn, Hans Seidlmeier, 15 pp.

GERMAN, per, Siemens Zeitschrift, Vol XXXI, No 8,
1957, pp 400-404.

SLA 59-10963

Sci - Electron
Sep 54
Vol 2, No 1

97, 223

The Effectiveness of Halinated Hydrocarbon
As a Fire-Extinguishing Medium for Fix
Aircraft Extinguishing Systems, by K. Dehn,
15 pp. FOR OFFICIAL USE ONLY

GERMAN, rpt, Der Wirkungsmechanismus
Halogenierter Kohlenwasserstoffe als Feuerlöschmit-
tel für Bordfeste Löschanlagen (ABC Geräte - und
Entwicklungssechau, Bonn-Hardthöhe, 9-24 Jun
1960, 30 pp.

ACSI I-0504
ID 21861

Sci - Chem
20 Jun 62

200, 950

Drive Mechanism of Textile Machines, by Karl Dehn,
Hans Stuben, 8 pp.

GERMAN, Patent No 887,099.

US Dept of Commerce
Patent Office
Sci Lib (gift)

Sci - Engineering
Dec 58

78,169

Removing Dust From Brown Converter ~~Waste~~ Waste Gases,
by Dehpe.

GERMAN, semimo per, Stahl und Eisen, Vol LXXVII, No 9,
1957, pp 553-562.

Büschel an Igelstein

Co-op Tr-Seh Tr 543
(S4.10.0)

57, 652

Sci - Engr
Jan 58

Studies on the Possibilities of Removing the
Dust From Bottom Blown Basic Steel Converters, by
W. Dohne, H. Gunther.

GERMAN, per, Stahl Risen, Vol LXXXII, Jun 1962,
pp 762-771.

BIBI 2911

Sci - M/M
Aug 63

342,111

Mechanical Features of New Single-Stand Reversing
Mills, by W. Dahne, UECI.

GERMAN, per, Stahl u Eisen, Vol LXVI, No 4, 1956,
pp 192-201.

British Iron and Steel Ind
(no number given)

Sci - Engn
Sep 59

78/119

Generalized Dalitz Diagrams in Low Energy Nuclear Physics, by D. Dehnhard, D. Kamke, et al, 11 pp.

RUSSIAN, per, Phys. Letters, Vol III, No 1, 1962,
pp 52-55.

AEC-NP-tr-1050

Sci-Phys
Nov 63

242,434

Contribution to the Improvement of Pneumatic
Systems for the Transport of Samples
Irradiated in Nuclear Reactors, by C. Dehon,
J. Chermann, E. Fossoul,
Symposium on High Flux Materials Testing Reactors
FRENCH, up, Brussels, 21-26 Sep 1959, A^o 253-278.

AEC TID-7584

Sci - Phys
26 Oct 60

130.675³

Pneumatic Transport Device for Irradiating
Samples in a Reactor, by C. Dehon, J. Chermanne,
E. Fossoul, 22 pp.

FRENCH, np, Brussels, 21-25 Sep 1959.

*AEC

Sci - *Phys*

May 60

Chromium Plated Motor Cylinders, by J.
Van De Horst.

SWEDISH, per, Teknisk Tidsskrift, Vol LXXX,
1950, pp 359-362.

CSIRO

Sci - Engr
May 12

196, 440

Results of Serological Studies of Cases With
Acute Abacterial Diseases of the Upper Res-
piratory Tract With the Influenza and Adeno-
virus Complement Fixation Reaction, by O.
Vivell, R. Deibel, W. H. Buhn, R. Zintz,
20 pp.

GERMAN, per, Deut Med Woch^{Schr}, Vol LXXXIII, No
19, May 1958, pp 834-838.

NIH 4-25

86, 381

Sci - Med
May 59

Connecting Apparatus With High Insulation for Use in
Telephone and Telegraph Installations, by A. Ebeling,
R. Döbel, 10 pp.

GERMAN, per, Elektrotech Z, No 39, 26 Sep 1912.

SLA Tr 57-2181

Sci
Jul 58

68,671

Serological and Clinical Studies on Virus Disease
of the Respiratory Tract. Report No III. Contam-
ination Studies With 12 Viruses of the Respirator
Tract With Different Antigens, by Rudolf Deibel,
Oskar Vivell, et al.

GERMAN, per, Z fuer Kinderheilkunde, Vol LXXXVI,
1962, pp 543-552.

NIH 2-21-63

Sci - Biol/Med Sci

23/992

May 63

Epidemiological and Clinical Studies on Viral Infections
of the Respiratory Tract. Report No 1. On the
Presence and Behavior of Neutralizing Antibodies
Against Parainfluenza 2 and 3 Viruses, by Rudolf
Leibnitz, Ek Oskar Vivell, et al.

GEWISSE, per, Z fuer Kinderheilkunde, Vol. LXXXVI,
1962, pp 525-534.

MEH 2-30-63

Sci - Biol/Med Sci
May 63

231, 983

Serological and Clinical Studies on Virus
Affections of the Respiratory Tract II.
Serological Demonstration of Infections With
the Respiratory Syncytial Virus, by Oscar Vivell,
Rudolf Dabisch.

GERMANY, per, Z Fuer Kinderheilkunde, Vol LXXXVI,
1962, pg 535-542.

NIN 1-50-63

Sci - Biol/Med Sci

232,101

May 63

(NY-5730)

Principal Changes in Distribution of Romanian
Production Forces, by Nicolae Diacon, Ion
Velcea, Petre Deina, 9 pp.

RUMANIAN, per, Natura, Vol XIII, No 5,
Sep/Oct 1960, pp 15-27.

JPRS 7951

EEur - Romania

145,305

Econ

Deitch, A. N.

REPORT ON THE SUBCOMMISSION ON PHOTOGRAPHIC ASTROMETRY, DEC 55-MAY 58. 10 Oct 63,
(p FTD-TT-62-959 (p. 19-24).
Order from OTS, SLA, or ETC \$23.50 in TT-64-13176
(p. 19-24)

Unedited rough draft trans. from mono. Astrometricheskaya Konferentsiya SSSR (no. 14) Kiev,
27-30 May 58. Translated, Moscow, 1960.

DESCRIPTIONS: *Astronomy, *Photography, Stars,
Galaxies, Planets, Astronomical data, reports

(Astronomy, TT, v. 11, no. 5)

TT-64-13176 (p. 19-24)

- I. Deitch, A. N.
- II. FTD-TT-62-959
(p. 19-24)
- III. Foreign Tech. Div.,
Air Force Systems
Command, Wright-
Patterson AFB, Ohio

Office of Technical Services

Determination of the Photographic Position of an
Artificial Earth Satellite by Two Reference Stars,
by A. N. BY Deich, 9 pp.

RUSSIAN, per, Astron Zhur, Vol XXXV, No 5, 1958,
pp 810-818.

Amer Inst of Phys
Vol II, No 5

Sci - Astron

Sep 59

97, 352

Reaction of urea with barium bromide in aqueous media.
by A. Ya. Deich, 1 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 6, 1962,
pp 1421-1423. CS

Sci

Apr 63

233,467

Investigation of the Possibility of Complex Formation in the System $Zr(SO_4)_2 \cdot Cs(NH_3)_2 \cdot H_2O$ by

Methode of Physicochemical Analysis, by A. Ya.
Deich, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 3,
1960, pp 732-733.

2648

Sci

144, 370

Apr 61

Physicochemical Analysis of the Cobaltous
Chloride -- Urea -- Water System, by A. Ya. Deich,
V. S. Nasonov, 2 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 5, 1959,
pp 1198-1201.

Cleaver-Hume Press Ltd.
London

Sci - Chem
Jpn 60

106,447

Complex Formation in the System $\text{NiSO}_4\text{-CS}(\text{NH}_2)_2\text{-H}_2\text{O}$
According to Data on Optical Density, Viscosity,
and Surface Tension, by A. Ya. Deich, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 8,
1959, pp 1866, 1867.

CB

Sci

123,674

Aug 60

Study of the Ternary Systems $\text{BaI}_2\text{-NaI-CH}_3\text{OH}$ and
 $\text{CeCl}_3\text{-NH}_4\text{Cl--CH}_3\text{OH}$ by the Methods of Physicochemical
Analysis, by A. Ya. Deich, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 8,
1958, pp 1888-1890.

AEC-Tr-4456
PL-480

Sci
Jun 62
PST 378

200,139

Complex Formation in the Systems $MnCl_2$ - $LiCl$ - H_2O ,
 $CoCl_2$ - KCl - H_2O , and $AlCl_3$ - KCl - H_2O , by A. Ya. Deich,
3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 10, 1958,
pp 2420-2421.

AEC-tr-4458
PL-480

Sci

May 62

PST 380

195,855

A Study of Complex Formation in NiSO_4 - H_2SO_4 - H_2O
System by Methods of Physicochemical Analysis, by
A. Ya. Deich, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 6, 1958, pp 1465-1466.

AEC-tr-4454
PL-480

179,046

Sci

Jan 62

PST 376

Study of the Transition of a Turbulent
Boundary Layer into a Laminar One,
by N. E. Deich, L. Ya. Lazarev,
RUSSIAN, per, Inzhenerno-Fizicheskii
Zhurnal, Vol VII, No 4, 1964,
pp 18-24.
Dept of Navy Tr 4744/APL/JMU TG 230-T470
CFSTI TT-66-60966

85

M. E. Deich

Sci-Phys
Jun 66

302, 192

New Method of Shaping Guide Plates Consisting of Stages With a Small Angle, by N. E. Beliaev, et al., 13 pp.

RUSIAN, per, Zapovednayaika, No 8, 1962, pp 42-47.

CIA RDP-IX-1385
NO FURTHER REDUCTION

Sci - Engr
Feb 63

USED INTERNAL USE ONLY

201,239

Investigation of Double Row Curtin Stages with
Partial Admission of Errors, by M. E. Deich,

B. M. Troppmann, and others, 1967

NSIDC, Inc., [redacted] Vol. 7, 1967, N

No. 3, pp. 24-27

CIA 20-00-24633

All M. 3551

M. E. Deich

Sci - 200

June 67

329,503

Design of Turbine Stages With Long Blades and
Variable Profile, by M. E. Deich, G. A. Filippov.

RUSSIAN, per, Teploenergetika, Vol VIII, No 9,
1961, pp 60-65.

MLL M. 3574

Sci - Engr

Jul 62

207, 770

The Comparison of Experimental and Design Data on
Leakages Through Labyrinth Seals, by M. E. Deich,
G. S. Samoilovich.

RUSSIAN, bk, Aerodynamic Principles of Axial
Turbines, 1959, pp 318-325.

MLL M. 3090

Sci - Phys

Feb 62

186,840

An Investigation of the Operation of Turbine
Blades at High Velocities, by M. E. Deich, A. V.
Gubarev.

RUSSIAN, per, Teploenergetika, No 12, 1958,
pp 56-62.

HILL RFS 2001

Sci - Engr

Jul 62

204, 844

Flow of Gas Through Turbine Lattices- Chap. 7 of:
Technical Gasdynamics (Basic Turbine Gasdynamics),
by M. E. Deich, 136 pp.

RUSSIAN, bk, Tekhnicheskaya Gasodynamika (Osnovy
Gazodinamiki Turbin), Moscow-Leningrad, 1953, 544 pp.
Chapter 7 is pp. 312-420.

Sci Tr Ctr RT-3794

Sci - Engineering
Aug 56 CTS/dex

~~37,553~~
36,520

NCH-200 588	Field 13A
<p><u>Defch, N. E.</u></p> <p>INVESTIGATION OF SINGLE-ROW STAGES WITH PARTIAL ADMISSION OF STEAM (issledovanie Odmovenechnykh Stupenей pri Partslainom Podvode Para). Tr. by F. Noot. 31 Dec 64, 17p (foreign text included) 5refs. TP/T-3541. Order from NLL</p> <p>Trans. of Teploenergetika (USSR) v10 n7 p16-21 1963, Other translations are available HC\$1.00, MF\$0.50 from CFSTI or ETC as TT-64-19924, RTS-2615, and \$1.60 from CFSTI, SLA, or ETC as TT-64-15260, BSRA-Trans-1645.</p>	
<p>1. Associated Electrical Industries Ltd., Trafford Park (England)</p>	

On the Differentiation of Various Antibodies
Against Nuclear and Cytoplasmic Cell Components in
Lupus Erythematosus Disseminatus, by H. Deicher,
5 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXXVIII,
No 3, 1960, pp 104-109.

NIH 347-62

199, 720

Sci - Med

Jun 62

ON ANTIBODIES AGAINST NUCLEAR AND CYTOPLASMIC
CELL COMPONENTS IN LUPUS ERYTHEMATOSUS DISSEMINATUS
AND SOME OTHER DISEASES, BY H. DEICHER, H. R.
HOLMAN, 4 PP.

GERMAN, PRE, GASTROENTEROLOGIA, VOL XCV, 1959,
PP 270-276.

NIH 5-24-62

SCI - MED

207,912

AUG 62

Solubility in the $\text{In}_2(\text{SO}_4)_3\text{-Cs}_2\text{SO}_4\text{-H}_2\text{O}$ System at
20°, by E. N. Deichman, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 8, 1961,
pp 1831-1836.

Cleaver-Hume Press Ltd

Sci
Sep 62

211,697

The Reaction Between Indium and Rubidium Sulphates
in Aqueous Solution, by E. N. Deichman, G. V.
Rodicheva, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 9, 1961,
pp 2180-2186.

Cleaver-Hume Press Ltd.

Sci
18 Oct 62

213,573

Properties of Uranium Oxyfluoride in Solution,
by I. V. Tansnaev, E. N. Deichman, 8 pp.

RUSSIAN, per, Radiokhimiya, Vol 13, No 6,
1961, pp 712-718.

AEC-tr-4581
PL-480

Sci
Jun 64

260,876

I. Study of Oxalates of Indium, by
E. N. Deichman, 10 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 7, 1958, pp 1592-1598.

AEC-tr-4455
PL-480

Sci
May 62
PSR 377

195,340

Determination of Small Amounts of Indium by a
Titrimetric and Photometric Method, by E. N. Deichman,
and I. V. Tananyev, 6 pp.
Deichman

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 2, 1958,
pp 195-200.

Consultants Bureau

Sci - Chem
Feb 59

81,323

The Effect of the Concentration of Live Virus in
Influenza Vaccine Upon its Antigenic Activity, by
G. I. Deichman, A. G. Grigor'evi and N. V. Venustov,
5 pp.

RUSSIAN, per, Voprosy Virusologii, No 5,
1958, pp 357-362.

in Russian Press

Features of The Multiplication of Type C (1233 Strain) Influenza Virus in The Allantoic Cavity of Chick Embryos, by G. I. Delichman, 3 pp.

RUSSIAN, par, Voprosy Virusologiya, Vol III, No 3, 1958, pp 175-176.

Pergamon Inst

Sci - Med

Feb 59

81,716

On the Interpretation of the Von Magnus Phenomenon, by
G. I. Deichman, 6 pp.

RUSSIAN, per, Voprosy Virusolog, Vol II, No 3, 1957,
pp 140-144.

Pergamon Institute

Sci - Medicine
May 58

62, 823

On the Absorption Spectra of Dimerocyanines, Derivatives of Imidazolidinone (4). I. The Absorption Spectra in the Visible Region, by M. V. Deichmeister, N. S. Spasokukotskiy, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 11, 1961, pp 3631-3637.

CB

213,241

Sci
Aug 62

Mercocyanin Dyes That Are Derivatives of Rhodanine.
II. The Properties of Dimethenylmerocyanines With
Various Nitrogen-Containing Heterocyclic Residues,
by M. V. Deichmeister, Z. P. Sytnik, E. B. Lifshits.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 1,
Jan 1950, pp 166-175. CIA D 182343

2
Consultants Bureau Vol XXIII,
No 1, Jan 1950

2

USSR
Scientific - Chemistry, mercocyanin, rhodanine, nitrogen

A-1531

Cyanine Dyes. X. Some Merocyaninocarboxyanines,
by M. V. Deichmeister, I. I. Levko^v, E. B.
Lifshits, 14 pp.

RUSSIAN, per: Zhur Obshch Khim, Vol 27, No 1,
1957, pp 202-214.

Consultants Bureau

Sci - Chem

Synthesis of Dimerocyanine Dyes Derived From 1,3-Disubstituted 4-Imidazolidinones, by M. V. Deichmeister, L. D. Zhilina, 6 pp.

RUSSIAN, per, Trudy Vses Nauch-Issled Kinofoto Inst, No 40, 1960, pp 26-33.

CIA/FID XX-1110
NOT RELEASABLE TO FOREIGN NATIONALS
AFC - RT - BHC

Merocyanin Dyes that are Derivatives of 2 Rhodanine.
III. Dimethylmerocyanins - The Derivatives of 3-Amino- and 3-Diacetylaminorhodanine, by Z. P. Sytnik,
S. V. Matanson, M. V. Deicmeister, and L. D. Zhilina,
6 pp.

Full translation

Rossiya, no per., Zbir. Obshch. Khim., Vol XXII, No 4,
SSSR USSR, Apr 1952, pp 702-705.- 710,

Consultants Bureau

Scientific - Chemistry

Dec 53 CTS

7533

Position of Maximum Sensitivity of Photo-
graphic Emulsions Sensitized With Polymethine-
merocyanines, by M. V. Deichmeister,
I. I. Levkoyev, E. B. Lifshits, S. V. McConson,
7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIII,
No 6, 1953, pp 1057-1059.

Contribution to the Problem of the Interaction
of Quaternary Salts of 2-Methylbenzothiazole and Its
Derivatives With Esters of Ortho-Carboxylic Acid
by I. I. Levkoyev, M. V. Deichmeister, N. N.
Svoshnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,
1959, pp 331-333.

CB

The Dipole Moments of the Hemiacetaines of the
Derivatives of 3-Ethylrhodanine and 1,3-Indandione,
by E. A. Shott-L'vova, Ya. K. Syrkin, I. I.
Levkoyev, M. V. Deichmeister, 4 pp.

RUSSIAN, pcr, Dok Ak Nauk SSSR, Vol CXXI, No 6,
1958, pp 1048..

Consultants Bureau

Sci - Phys

Sep 59

97644

Merocyanin Dyes that are Derivatives of Rhodanine. IV.
The Structure of the Decomposition Products of
Quaternary Salts of Dimethiniummerocyanins, by Z.P.
Sytnik, I.I. Levkoev, M.V. Deichmeister, and
L.D. Zhilina, 5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 7,
Jul 1952, pp 1228-1233.

Consultants Bureau

USSR
Scientific - Chemistry

Feb 54 CTS

9717

Merocyanin Dyes that are Derivatives of Rhodanine.
1. The Properties of the Methyl-Methyl Sulfate
of 2-Mercapto-5-(3-Ethyl-Benzoithiomolinyl-
idene-2-Ethylidene)-Thiazolinone-4. by Z. P.
Sytnik, I. I. Levkoyev and M. V. Deichmeister
6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXI,
No 4, USSR, Apr 1951, pp 768-773

Consultants Bureau
Vol 21, Apr 1951

A-1532

(HY-6329)

Aerosol Particle Studies at the Military Institute
of Hygiene and Epidemiology, by Stanislaw Zdzienicki,
Marek Diechtiar, 9 pp.

POLISH, per, Przeglad Epidemiologiczny, Vol XV,
No 1, 1961, pp 67-74.

JPRS 9426

Sci - Med

158, 591

Jul 61

Practical Results of a Chemical Weed Control
Method, by Deicke, Oberforster.

GERMAN, per, Forst Und Holz, Vol XI, No 9,
1956, pp 180-182.

CSIRO

Sci - Biol, Chem
Jul 62

207, 670

The Stability of Certain High Polymers, by K.
Richerd and G. Beidrich.

GERMAN, per, Kunststoffe, Vol XLV, No 10, 1955,
pp 429-433.

ASLIB-GB39

Sci

Aug 58

71,642

TP 257

DEIGEN M. F.

Magnetic properties of metal-NH₃ solutions and the
equilibrium concentration of local centers in the dielectrics

Trudy Akad. Nauk URSR, Inst. Fiz., 5, 105-118 (1954)

English

E u r a t o m

Dependence of the Hyperfine Structure of F Centers
on the Orientation of a Crystal in an External
Magnetic Field, by M. P. Deigen, V. Ya. Zevin, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 5, 1958, pp 1142-1147.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 5

Sci - Phys
Dec 58

77,518

Interaction Between Current Carriers and F-Centers
and the Acoustic Vibrations of the Lattice in Ionic
Crystals, by M. P. Deigen, V. L. Vinetskiy, 9 pp.

RUSSIAN, 5100 per, 2'ur Eslper i Teoret Fiz,
Vol XXXII, No 6, 1957, pp 1382-1392.

Amer Inst of Phys
Sov Physics - JETP
Vol V, no 6

Sci - Physics
Apr 58

60, 406

Excition Near the Surface of a Homopolar Crystal,
by M. F. Deigen, M. D. Glinchuk, 6 pp.

RUSSIAN, per, Fiz Tverdogo Telza, Vol V, No 11,
1963, pp 3250-3258.

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 11

Sci
May 64

260,211

On the Theory of Electronic Processes in Metal-Ammonia Solutions, by M. F. Deigen, Yu. A. Tsvirbo
41 pp.

UKRAINIAN
~~YESSIFAEV~~, per, Ukrain Khim Zhur, Vol I, 1956,
pp 245-259.

AEC Tr-4260

Sci - Chem
Jun 61

156,078

Optical Properties of Local Electronic Centers in
Solid and Liquid Ionic Dielectrics, by M. F.
Deigen,

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XVIII,
1954, pp 716, 717.

ABC Tr-4254

Sci - Phys
Apr 61

149,075

Theory of Local Electronic Centers Close to the
Surface of a Semiconductor

By M.D. Glinchuk and N.F. Deigen pp8

RUSSIAN, per, Pis Tverdogo Tela, Vol V, No 2, 1963,
pp105-116

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 2

Sci

Sep 63

244, 861
~~244, 1157~~

Theory of Paramagnetic Relaxation of F-Centers in
Magnetic Fields of Any Intensity
By M.I. Deigen, G.V. Korobko, pp 5

RUSSIA, per. Fiz Tverdogo Tela, Vol V, No 4, 1963,
pp 1126-1131

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 4

240-989

Sci

Oct 68

Quantum States and Optical Transitions of the F_2^+
Center Electron, by M. F. Deigen, V. L. Vinetskiy,
5 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXII,
No 2,) pp 289-

Sept 1957

Amer Inst of Phys
Soviet Phys, JETP
Vol V, No 2

Sci - Physics
Oct 57

53, 819

Theory of Paramagnetic Resonance of F Centers
in Ionic Crystals, by M. P. Deigen, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
43, No 3 (9), 1957, Pp 773-779.

3
Amer Inst of Phys
Sov Phys-JETP
Vol 6(33), No 3

Sci - Phys

Jun 58

65,457

Optical Properties and Electrical Conductivity of
Metal-Ammonia Solutions, by M. F. Daigen, 21 pp.

RUSSIAN, par, Zhur Eksper i Teoret Fiz, Vol XXVI,
1954, pp 300-306.

AEC Tr-4250

Sci - Phys
Jun 61

154,798

The Theory of Magnetic Properties of Metal-Ammonia
Solutions, by M. F. Doigen, 17 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXVI,
1954, pp 293-299.

AEC Tr .4257

Sci . Phys
Jun 61

154,791

Theory of Localized Electron States in an Isotropic Homopolar Crystal, by M. F. Deigen, 7 pp.

RUSSIAN, no per, Zhur Ekspres i Teoret Fiz, Vol XXXI,
No 3, 1956, pp 504-511.

Amer Inst of Physics
Soviet Physics-JETP
Vol IV, No 3.

Sci - Physics
May 57

47, 267

Magnetic Properties of Metal-NH₃ Solutions and the
Equilibrium Concentration of Local Centers in the
Dielectric, by M. F. Deigen, 28 pp.

RUSSIAN, per, Trudy Inst Fiz, Ak Nauk Ukr SSR,
Vol V, 1954, pp 106-118.'

AEC Tr-4255

Sci
Jun 61

154,809

Apropos of the Review by S. V. Tyablikov of the
book by S. I. Pekar "Studies on the Electron
Theory of Crystals", by M. F. Daigen, 6 pp.
RUSSIAN, per, Usp Fiz Nauk, Vol LI, 1953, p 426.
CIA D 193574 9092688

K. S. Tolpygo
Morris Friedman -D-107
\$3.00

Scientific & Physics Jan 55 CTS/DMX

20,905 \$3.00

The Theory of Optical Properties and of the Electrical Conductivity of Metal-Ammonia Solutions, by M. F. Deigen, 39 pp.

RUSSIAN, per, Trudy Inst Fiz, Ak Nauk Ukr SSR,
Vol V, 1954, pp 119-136.

AEC TR-4256

Sci - Phys
Jun 61

156, 077